## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.: 10/589,173 Confirmation No.: 6867

Applicants: Gentry *et al.* Filed: May 15, 2007

Art Unit: 1644

Examiner: Belyavskyi, Michail A.

Title: STEM CELL POPULATIONS AND METHODS OF USE

Docket No.: 045331/314982

Customer No. 00826

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## AMENDMENT UNDER 37 C.F.R. § 1.111

## Dear Sir:

In response to a non-final Office Action dated March 8, 2010, please amend the above-identified patent application as follows:

Amendments to the Claims are reflected in a listing of claims that begin on page 2 of this paper.

**Remarks** begin on page 17 of this paper.